

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Weber, Paul R., et. al.
ATTY FILE NO.: 1A0013.CP2
TITLE: Semi-Frozen Food Product Carbonator
FILED: 8/16/2000 EXAMINER: C. Bushey
SERIAL NO.: 09/639,868 ART UNIT: 1724
PAPER: Substitute Amendment

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Commissioner for Patents
Washington, D.C. 20231

Sir:

In the above referenced case in response to the Examiner's final office action therein dated 12/23/2002, please enter the following:

IN THE CLAIMS:

Claims 1-6 (canceled).

Claim 7 (new) A gas infusion system for dissolving a gas into solution in a liquid, comprising:

a tank having a top end, a bottom end and a sidewall extending there between defining a tank interior, the tank having a liquid inlet, a gas inlet, and a liquid outlet, the liquid inlet for connection to a source of the liquid, the gas inlet for connection to a pressurized source of the gas for admitting thereof into the tank interior so that the gas goes into solution into the liquid, and the outlet for delivering the liquid having the gas in solution therein to a dispensing means,

a level sensor mounted to the tank and having an internal sensing portion in the tank interior for sensing the level of the fluid therein and having a contact end external of the tank for connection to a control means for regulating admission of the combined liquid and the gas into the tank interior as a function of the sensed level of the